

IN THE SPECIFICATION

Please replace the Title on page 1 with the following title:

IMAGE FORMING APPARATUS WITH ADJUSTABLE REMOVAL AND
DEVELOPING NIPS

Please insert this subheading and paragraph at page 1, line 3 as follows:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a divisional application of U.S Patent No. 6,735,408, filed March 21, 2002, and issued on May 11, 2004, and based upon and claims the benefit of priority from prior Japanese Patent Applications No. 2001-080032, filed on March 21, 2001, No. 2001-083471, filed on March 22, 2001, No. 2001-083535, filed on March 22, 2001, No. 2001-087126, filed on March 26, 2001, No. 2001-106779, filed on April 5, 2001, and No. 2001-225952, filed on July 26, 2001, the entire contents each of which are incorporated herein by reference.

Please amend the paragraph at page 21, lines 13-14, as follows:

Fig. 21 is a schematic ~~diagrams~~ diagram which shows a toner moving to a photosensitive drum when the time and electric field for developing is short;

Please amend the paragraph at page 21, lines 16-17, as follows:

Fig. 23 is a schematic configuration diagram of the main part of ~~an other~~ another copying machine according to the seventh and eighth embodiments of the present invention;

Please amend the paragraph at page 36, lines 11-22, as follows:

In Fig. 4A, the sweep roller pressurizing mechanism 120 can adjust the size of the removal nip width by adjusting the length of a tension spring 121 to adjust the energizing force of the sweep roller 110 with respect to the photosensitive drum 1. The tension spring 121 engages with a groove at the tip of the adjustment screw 122 at one end thereof, and at the other end thereof, engages with a pin 123 provided in a fixed condition on a sweep roller unit side plate 113. The adjustment screw 122 is screwed into an adjustment screw holding member 124 provided in a photosensitive unit side plate ~~114~~, 114, and by rotating it, the adjustment screw moves right and left in the figure.

Please amend the paragraph at page 60, lines 10-15, as follows:

As shown in Fig. 15, when there ~~are~~ is unevenness on the surface of the developing roller, the developer existing between the photosensitive drum 1 having a smooth surface and the developing roller 106 at the time of development becomes thin in the protrusions on the surface of the developing roller and becomes thick in the recesses.

Please amend the paragraph at page 74, lines 10-24, as follows:

The thin layer of the developer formed on the surface of the developing roller passes through a nip 1717 formed by the developing roller 1709 and the before-development set roller 1710. Fig. 19 is a schematic ~~diagrams~~ diagram which shows the condition of the liquid developer at the nip. The liquid developer 1707 on the developing roller 1709 is applied, as described above, without density distribution by the anilox roller 1712. Since voltage is applied separately to the before-development set roller 1710 and the developing roller 1709 to provide a potential difference between both rollers, when passing through the nip between the before-development set roller 1710 and the developing roller 1709, the toner 1818 moves

towards the developing roller 1709, and hence the developer on the developing roller has a density gradient on the developing roller.

Please amend the paragraph at page 86, lines 13-23, as follows:

Fig. 23 is a diagram which shows the configuration of ~~an other~~ another copying machine to which the eighth embodiment of the present invention can be applied. Fig. 23 shows an example brought into contact with the anilox roller 1712 to the before-development set roller 1710. In this instance, the rotation direction of the anilox roller 1712 is opposite to that of the example shown in Fig. 17, and the doctor blade 1715 is arranged at a position in a forward direction with respect to the rotation direction of the anilox roller 1712, that is, in Fig. 23, on the left side of the anilox roller 1712.

Please amend the paragraph at page 90, line 23 to page 91, line 11, as follows:

As a member which forms an elastic layer of the developing roller 2422, there can be mentioned a foamed body of polystyrene, polyethylene, polyurethane, polyvinyl chloride or NBR (nitrile butylenes rubber), and a low-hardness rubber member or foamed body such as silicone rubber or urethane rubber. Further, an elastic layer is formed around the cored bar, and ~~an~~ another elastic layer may be formed on the surface thereof by a rubber member or a foamed body. The surface layer of the developing roller 2422 is formed by an elastic member which does not swell in a silicone oil which is a carrier liquid of the liquid developer 2428. The electrical resistance of the elastic member is preferably about $10^3 \Omega\text{cm}$, so that an electrical developing bias can be applied to the developing roller 2422 by a power unit denoted by reference symbol 2501 in Fig. 25.

Please amend the paragraph at page 143, line 16 to page 144, line 8, as follows:

According to still another aspect of the present invention, the voltage application unit applies voltage between the feed roller and the conductive plate to control the number of ~~revolution~~ revolutions of the feed roller, thereby the density of the liquid developer is controlled. As a result, the density of the liquid developer can be controlled by controlling the amount of toner particles to be carried to the developer support. Thereby, the liquid developer having a desired density can be stably and uniformly supplied to the latent image face on the image support. Further, since a bias is applied to a plurality of rollers, the toner particles in the developer migrates, thereby application nonuniformity (ruffle) is unlikely to occur. A developer having a stable density can be supplied to the developer support, and a thickness of the developer can be provided, which does not change the gap in the developing space where the image support and the developer support are contiguous to each other with the developer layer interposed therebetween.